

**Amendments to the Claims:**

The following listing of claims replaces all prior versions and listings of the claims in this application.

**Listing of the Claims:**

1. (Currently Amended) A heat-shrinkable multi-layer film comprising a heat-shrinkable base film exhibiting a percent thermal shrinkage in at least one direction of 5 to 90% as measured by immersing the base film in hot water at 90°C for 30 seconds and, provided on at least one surface of the base film, at least one layer structure including a layer (a) formed of a poly(carboxylic acid) polymer (A) and free of polyalcohol, and a layer (b) formed of a polyvalent metal compound (B), the layers (a) and (b) being in contact with each other, wherein the multi-layer film exhibits a percent thermal shrinkage in at least one direction of 5 to 90% as measured by immersing the multi-layer film in hot water at 90°C for 30 seconds, and wherein the multi-layer film exhibits an oxygen permeability of 100 ~~500~~  $\text{cm}^3/(\text{m}^2\cdot\text{day}\cdot\text{MPa})$  or less as measured at 30°C and a relative humidity of 80% after thermal shrinkage treatment.
2. – 4. (Cancelled).
5. (Previously Presented) A heat-shrinkable multi-layer film according to claim 1, wherein the ratio of the total thickness of a gas-barrier layer formed of the layers (a) and (b) which are in contact with each other to that of the base film is 0.001 to 0.5.
6. (Cancelled).

7. (Previously Presented) A heat-shrinkable multi-layer film according to claim 1, wherein the polyvalent metal compound (B) is a divalent metal compound.
8. (Previously Presented) A heat-shrinkable multi-layer film according to claim 1, wherein the poly(carboxylic acid) polymer (A) is a homopolymer or copolymer formed of at least one polymerizable monomer selected from among acrylic acid, maleic acid, and methacrylic acid, and/or a mixture of such homopolymers or copolymers.
9. (Previously Presented) A heat-shrinkable multi-layer film according to claim 1, which contains an additional layer.
10. (Original) A heat-shrinkable multi-layer film according to claim 9, wherein the additional layer is an adhesive-containing layer.
11. (Currently Amended) A heat-shrinkable multi-layer film according to claim 1, which, after thermal shrinkage treatment, exhibits an oxygen permeability equal to or lower than that before thermal shrinkage treatment.
12. (Currently Amended) A heat-shrinkable multi-layer film comprising a heat-shrinkable base film and, provided on at least one surface of the base film, at least one layer structure including a layer (a) formed of a poly(carboxylic acid) polymer (A) and free of polyalcohol, and a polyvalent-metal-compound-containing resin layer formed of a polyvalent metal compound (B) and a resin, the layer (a) and the resin layer being in contact with each other, wherein the multi-layer film exhibits a percent thermal shrinkage in at least one direction of 5 to 90% as measured by immersing the multi-layer film in hot water at 90°C for 30 seconds,

wherein the multi-layer film exhibits and an oxygen permeability of 100 500  
cm<sup>3</sup>/(m<sup>2</sup>-day-MPa) or less as measured at 30°C and a relative humidity of 80% after thermal  
shrinkage treatment, and wherein the base film exhibits a percent thermal shrinkage in at least  
one direction of 5 to 90% as measured by immersing the base film in hot water at 90°C for 30  
seconds.

13. (Previously Presented) A packaging material comprising a heat-shrinkable multi-layer film as recited in claim 1.

14. (Previously Presented) A packaging material according to claim 13, which is in the form of a bag, a sheet, a label, a container, or a cover material.

15. (Previously Presented) A packaged product obtained by packaging an object with a heat-shrinkable multi-layer film as recited in claim 1.

16. (Cancelled).

17. (Previously Presented) A heat-shrinkable label comprising a heat-shrinkable multi-layer film as recited in claim 1.

18. (Original) A heat-shrinkable label according to claim 17, to which a heat-sensitive tackifier has been applied.

19. (Previously Presented) A packaging material comprising a heat-shrinkable multi-layer film as recited in claim 12.

20. (Previously Presented) A packaged product obtained by packaging an object with a heat-shrinkable multi-layer film as recited in claim 12.

21. (Previously Presented) A heat-shrinkable label comprising a heat-shrinkable multi-layer film as recited in claim 12.

22. (Previously Presented) A heat-shrinkable label according to claim 21, to which a heat-sensitive tackifier has been applied.